

ABSTRACT OF THE DISCLOSURE

A wide input range amplifier includes a first and second stage. The first stage has first and second inputs, first and second outputs, and first, second and third voltage sources. The first stage accepts input signals having a first common mode voltage range and outputs a first output signal having a second common mode voltage range and being amplified a first amount. The second stage has first and second inputs connected to the first and second outputs of the first stage, respectively. The second stage accepts input signals having a common mode voltage in the second range and outputs a second output signal having a third common mode voltage range and being amplified a second amount.